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For: VARIABLE COLOR PRINT OF AN IMAGE

- 1        1. A variable color print of an image comprising:
  - 2            a substrate;
  - 3            a series of parallel differently colored lines of printed ink; and
  - 4            a series of parallel printed mounds of clear ink over the colored lines of
  - 5            printed ink to vary the reflective angle of the colored lines of printed ink as the viewing
  - 6            angle changes.
  
- 1        2. The print of claim 1 in which the substrate is paper.
  
- 1        3. The print of claim 1 in which the substrate is plastic.
  
- 1        4. The print of claim 1 in which the substrate is transmissive.
  
- 1        5. The print of claim 1 further including a reflective surface between the
- 2            lines of printed ink and the substrate.
  
- 1        6. The print of claim 1 in which the reflective surface is a reflective ink
- 2            layer, a foil layer, or a metalization layer.
  
- 1        7. The print of claim 1 in which each mound is over at least two different
- 2            colored lines.

1                   8.     The print of claim 1 in which there are lines of differently colored printed  
2                   ink between the mounds.

1                   9.     The print of claim 1 in which there are a plurality of local image regions  
2                   each including parallel differently colored lines of printed ink and printed mounds of  
3                   clear ink synchronized with the parallel differently colored lines, wherein different local  
4                   image regions include parallel lines of printed ink and mounds at different angles.

1           10.    A variable color print of an image comprising:  
2                   a substrate;  
3                   a series of parallel printed mounds of ink on the substrate; and  
4                   a series of parallel differently colored lines of ink printed on the mounds  
5                   which vary in reflective angle as the viewing angle changes due to the mounds of ink.

1           11.    The print of claim 10 further including a reflective surface between the  
2                   substrate and the mounds.

1           12.    The print of claim 11 in which the reflective surface is a reflective ink  
2                   layer.

1           13.    The print of claim 10 further including a reflective surface between the  
2                   mounds and the differently colored lines of printed ink.

1           14.    The print of claim 13 in which the reflective surface is a reflective ink  
2                   layer.

1           15.    A variable color print of an image comprising:  
2                   a substrate;  
3                   a series of parallel colored ink mounds printed directly on the substrate  
4                   and extending in one direction; and  
5                   at least one series of parallel colored ink mounds printed directly on the  
6                   substrate and extending in a second, different direction.

1           16.    The print of claim 15 in which the substrate includes a reflective surface.

1           17.    The print of claim 16 in which the colored ink of the mounds is  
2                   transmissive.

1           18.    The print of claim 15 in which the substrate is non-reflective.

1           19.    The print of claim 18 in which the colored ink of the mounds is reflective.

1           20.    The print of claim 15 further including printed colored lines between the  
2                   mounds.

1           21.    A method of producing a variable color print of an image, the method  
2           comprising:  
3                   obtaining an image;  
4                   configuring a printing machine to produce a series of printed ink mounds;  
5                   printing the ink mounds on a substrate; and  
6                   printing a series of colored lines synchronized with the printed ink  
7           mounds.

1           22.    The method of claim 21 in which the series of colored lines are printed on  
2           the substrate under the ink mounds and wherein the mounds are printed using clear ink.

1           23.    The method of claim 21 in which the series of colored lines are printed on  
2           the mounds.

1                   24.     A method of producing a variable color print of an image, the method  
2     comprising:  
3                   placing a reflective surface on a substrate;  
4                   printing a series of parallel differently colored lines of ink; and  
5                   printing a series of parallel mounds of clear ink over the colored lines of  
6     printed ink to vary the reflective angle of the colored lines of printed ink as the viewing  
7     angle changes.

1                   25.     The method of claim 24 further including producing different local image  
2     regions by printing parallel lines of printed ink and mounds at different angles.

1           26.    A method of producing a variable color print of an image, the method  
2   comprising:  
3               printing a series of parallel printed mounds of ink on a substrate; and  
4               printing a series of parallel differently colored lines of ink on the mounds  
5   to vary the reflective angle as the viewing angle changes due to the mound of ink.

1           27.    The method of claim 26 further including the step of adding a reflective  
2   surface between the substrate and the mounds.

1           28.    The method of claim 26 further including the step of adding a reflective  
2   surface between the mounds and the differently colored lines of printed ink.

1           29.    A method of producing a variable color print of an image, the method  
2           comprising:

3                 printing a series of parallel colored ink mounds on a substrate to extend in  
4           one direction; and

5                 printing a series of parallel colored ink mounds on a substrate to extend in  
6           a second, different direction.

1           30.    The method of claim 29 in which the color of the ink mounds printed in  
2           the first direction are different in color than the series of ink mounds printed in the second  
3           direction.

1           31.    The method of claim 29 in which both series of ink mounds are in the  
2           same region.

1           32.    the method of claim 29 in which the colored ink mounds are transmissive  
2           and each mound is disposed over differently colored lines of ink on the substrate.

1           33.    A variable color print of an image comprising:  
2                   a substrate;  
3                   a series of printed mounds of clear ink having a viscosity when printed of  
4                   between 1500-3000 cent poise; and  
5                   colored ink lines printed on the mounds or printed between the mounds  
6                   and the substrate.

1           34.    The print of claim 33 in which the substrate includes a reflective surface  
2                   on which the colored ink lines are printed.

1           35.    The print of claim 34 in which the mounds are printed over the lines of  
2                   colored ink.

1           36.    The print of claim 33 in which the mounds are printed on a reflective  
2                   surface on the substrate and the colored ink lines are printed on the mounds.

1           37.    The print of claim 33 in which the mounds are printed on the substrate, the  
2                   colored ink lines are printed on the mounds, and further including a printed reflective  
3                   surface between the mounds and the colored ink.